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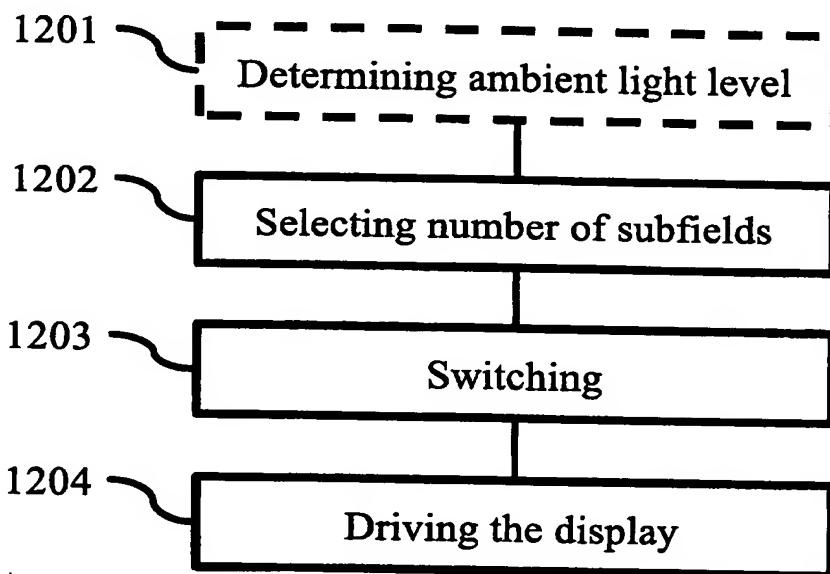
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[Continued on next page]

(54) Title: **AMBIENT LIGHT ADAPTATION FOR DYNAMIC FOIL DISPLAYS**



(57) Abstract: The present invention relates to the driving of optical displays, such as Dynamic Foil Displays, and provides dynamic adaptation of the number of subfields into which frame times of such displays are divided. The number of subfields can thus be selected (1202) depending on for example the ambient light conditions (1201) and image quality requirement. In particular, a smaller number of subfields facilitates brighter images, whereas a larger number of subfields facilitates an increased number of gray scales and/or motion artifact reduction.

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## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 03, 30 March 2000 (2000-03-30) -& JP 11 352929 A (FUJITSU GENERAL LTD), 24 December 1999 (1999-12-24) abstract paragraphs '0017!', '0018!	1-12
X	US 2002/036610 A1 (INOUE AKIRA ET AL) 28 March 2002 (2002-03-28) abstract paragraphs '0039!', '0046! - '0050!, '0100!; figures 3,4	1,3-5,7, 8,11,12
A	US 2002/011978 A1 (ARAI YASUYUKI ET AL) 31 January 2002 (2002-01-31) abstract paragraphs '0164! - '0166!	2,6,9,10

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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